

CLAIMS

1. A method of providing an arbitrary sound as an RBT (RingBack Tone) in a communication network, comprising:

a first step, conducted by an HLR (Home Location Register), of furnishing a call-originating exchanger with information on whether or not an RBT is to be replaced for a terminal through a response message to a location request message received from the call-originating exchanger that sends the location request message to the HLR when a call connection is requested to the terminal; and

a second step, conducted by the call-originating exchanger, of searching for a sound code assigned to the terminal based on the information included in the response message, and providing a caller with a pre-stored RBT-replacing sound associated with the found sound code as an RBT while making a trunk connection to a call-terminating exchanger based on the response message.

2. A method of providing an arbitrary sound as an RBT (RingBack Tone) in a communication network, comprising:

a first step, conducted by an HLR (Home Location Register) when a location request message is received from a call-originating exchanger because of call connection request to a terminal, of furnishing a call-terminating exchanger with information on whether or not an RBT is to be replaced for the terminal through a routing information request message that is sent to the call-terminating exchanger; and

a second step, conducted by the call-terminating exchanger when a trunk connection request from a call-originating exchanger is recognized, of searching for a sound code assigned to the terminal based on the information, and providing a caller with a pre-stored RBT-replacing sound

associated with the found sound code as an RBT.

3. The method of claim 1 or 2, wherein a server separated from the call-originating exchanger and the call-terminating exchanger has a subscriber-code table where
5 subscriber numbers are associated with sound codes individually, and the call-originating or the call-terminating exchanger searches for the sound code with the aid of the server.

4. The method of claim 3, wherein the call-originating
10 and the call-terminating exchanger communicate with the server based on internet protocol in the code searching operation.